SYSPRO™
Simplifying your Success

Enhancements

SYSPRO 7 Update 1 | Port 015

Last build date: June 2016

SYSPRO Help and Reference

Table of Contents

Port 015

The following is a summary of the enhancements that have been implemented for this port.

AP exchange rate and purchase price variance

Version	Issue	Port
7.0	001_SP1	015

Program	Description	Version
APSPIN	AP Invoice Posting	045

Why was this done?

There was a requirement to post exchange rate variance values to the exchange rate GL code when processing GRN matching for a foreign currency supplier.

Currently the exchange rate variance and the purchase price variance values are added together and posted to the Purchase Price Variance GL code.

What was done?

The exchange rate variance value will be assigned to the Exchange Rate GL code and the purchase price variance total will be assigned to the Purchase Price Variance GL code.

Where can I see the change?

- In the **GL journal** program

  The exchange rate variance is displayed as a separate entry.
- In the **AP Invoice Posting** program

  The exchange rate variance and the purchase price variance will be calculated as separate values.

The exchange rate variance code will be taken from the AP Currency Variance GL Interface in the General Ledger Integration program, but if this doesn't exist, then the exchange rate variance code defined against the Bank will be used.

AP Payment Reference

Version	Issue	Port
7.0	001_SP1	015

Program	Description	Version
APSP82	AP Manual Check Entry	019
APSP94	AP to Cash Book Integration	018
APSP95	AP Payment Cycle Maintenance	031
APSP98	AP Execute Payment Run	025
APSPGP	AP Payment GL Integration	020

Program	Description	Version
APSQ53	AP Disbursement Distribution Query	010
APSQ94	AP Payment Register	021
APSTGP	AP Payment GL Integration	011
CSHP10	Cash Book Deposits and Withdrawals	120
CSHPEN	Bank Query	021
GENPEN	GL General Ledger Query	072
GENPJM	GL Journal Entry	064
GENPST	GL Posting	035
GENTJL	GL Journal Posting	041

Why was this done?

There was a requirement for a credit card reference number field to be added against AP payments.

What was done?

A **Payment reference** field has been added in which you can enter a 30 character payment reference against all types of payments.

Where can I see the change?

The **Payment reference** field has been added to the following programs:

- AP Payment Cycle Maintenance
- AP Manual Check Entry

You can view the payment reference in the following programs:

- Cash Book Deposits and Withdrawals
- Bank Query
- GL Query
- GL Journal Entry
- GL Journal Maintenance
- You can also add the payment reference onto the AP Expense Distribution and AP Payment Register reports.

ECC deplete oldest

Version	Issue	Port
7.0	001_SP1	015

Program	Description	Version
BOMP3F	ECC Change ECO Status	045
BOMPSI	Structure Import	009
BOMQ76	BOM Structure Amendment Journal	009
BOMSST	BOM Structure Maintenance	031
IMP012	BOM Structures and Routings	113

Program	Description	Version
IMP090	WIP Factory Documentation	103
IMPPLS	Lots Bins Serials Posting	025
MRPP40	MRP Requirements Calculation	086
WIPME3	WIP Material Allocations Maintenance	066
WIPPE3	WIP Material Allocations Browse	070
WIPPEN	WIP Query	081
WIPPKI	WIP Job Issues	051
WIPQRY	WIP Query	036
WIPTJB	WIP Job Creation and Maintenance	076
WIPTJM	WIP Material Allocations	056
WIPTMI	WIP Job Specific Issues	066

Why was this done?

There was a requirement to specify the revision and release to be issued when performing a specific kit issue for an ECC controlled component when the oldest revision/release is being used.

What was done?

An **Override planned rev/rel in spec issue** option has been added that allows you to specify the revision and release during a specific kit issue.

This is only available for ECC controlled stock codes when the **Deplete oldest rev/rel first (Component)** option has been enabled in the **Bill of Materials Setup** program.

Where can I see the change?

The following table indicates a list of programs, as well as the nature of the change, affected by this enhancement:

Affected program(s)	Description of change
Structures and routings	An **Override planned rev/rel in spec issue** option has been added to the **Maintain Components for Stock Code** window, which allows you to override the planned revision and release during a specific issue. An Override rev/rel column has been added to the Components listview.
Structure import	An **Override planned rev/rel in spec issue** field and column has been added. You can only select **Y** when the ECC consumption method is Deplete oldest.
ECC Change ECO Status	When an ECC parent is being maintained in an open ECO and a material allocation for an ECC controlled component uses the **Deplete oldest** and the **Override planned rev/rel in spec issue** is selected, then this information is copied to the BOM master file when the ECO is completed.
BOM Structure Amendment Journal	An element to display the **Override planned rev/rel in spec issue** option during specific issues for ECC controlled components has been added.
BOM Structure Maintenance	An <OverEccSpecIssue> element has been added.

Affected program(s)	Description of change
WIP Factory Documentation	An element to display the **Override planned rev/rel in spec issue** option during specific issues for ECC controlled components when SRS printing is in use, has been added.
MRP Requirements Calculation	The **Override planned rev/rel in spec issue** option is copied from the Bill of Material for an ECC component that has an ECC consumption method of Deplete oldest to the material allocation, when creating a suggested job.
WIP Material Allocations Browse	A column to display the Allow override of planned rev/rel during specific issues option has been added.
WIP Material Allocations	An **Override planned rev/rel in spec issue** option has been added. If Job Amendment journals are required, then an amendment journal will be created when you change the Override planned Rev/rel in spec issue option against a material allocation in the WIP Material Allocation program and business object.
WIP Material Allocations Business Object	An <OverEccSpecIssue> element has been added. This will allow you to override the planned revision/release during a specific issue, when the component uses the deplete oldest revision/release option. You can only select **Y** when the ECC consumption method is Deplete oldest.
WIP Job Creation	An **Override planned rev/rel in spec issue** option has been added to the **Material Allocation Maintenance** window.
WIP Job Issues	If the Override planned rev/rel in specific issue option is enabled, when an allocation uses the ECC consumption method Deplete oldest and a specific issue is performed, issuing will be performed for the specific rev/rel. If an allocation which uses the ECC consumption method Deplete oldest is part of the kit issue, it will always be processed using the deplete oldest option irrespective of the Override planned rev/rel during spec issue option.
WIP Query	An **Override rev/rel** column has been added to the Material allocation form.
WIP Query Business Object	An <OverEccSpecIssue> element has been added. This will output the Override planned rev/rel in spec issue option per material allocation where the ECC consumption is set to Deplete oldest.

eSignatures added to Purchase Orders

Version	Issue	Port
7.0	001_SP1	015

Program	Description	Version
IMPBTF	LCT Tariff Maintenance	010
PORBRG	Requisition Group Browse	005
PORP4L	LCT Customs Exchange Maintenance	006
PORP86	GRN Import GRN Details	013

Program	Description	Version
PORPGR	PO GRN Adjustment	016
PORPL9	LCT Calculate New Landed Cost	017
PORPLT	Tariff Code Maintenance	005
PORPLZ	LCT Maintenance	021
PORPRG	Requisition Group Maintenance	004
PORTGN	GRN Post GRN Adjustments	008
PORTGR	GRN Post GRN details	022
PORTLM	Shipment Maintenance	010
PORTRA	PO Requisition Approve Clear	020
PORTRC	PO Requisition Cancel	011
PORTRH	PO Requisition Hold	009
PORTRR	PO Requisition Route	012

Why was this done?

There is a requirement to more closely monitor activities in the **Purchase Orders** module.

What is being done?

Electronic Signatures are being added to the **Purchase Orders** module. The changes are still in progress and will be available to implement at a later date.

New object for GL intial history setup

Version	Issue	Port
7.0	001_SP1	015

Program	Description	Version
GENSHI	GL History Maintenance	000

File	Version
IMPDTO.IMP	011

Why was this done?

A new business object was created to enable e.net Solutions developers to develop applications to add and maintain GL inital history.

This excludes deleting GL initial history.

You can only capture history one year at a time.

Where can I see the change?

Schemas and sample XML instances are available in the SYSPRO e.net Solutions Business Objects Reference Library.

MRP - Replenish by warehouse

Version	Issue	Port
7.0	001_SP1	015

Program	Description	Version
BOMMLT	BOM Multi-level Trial Kitting	005
BOMP70	BOM Lead Time Calculation	036
BOMP75	BOM Multi-level Trial Kitting	029
BOMPAK	BOM Advanced Trial Kitting	003
BOMPTK	BOM Trial Kitting	021
BOMQ85	BOM Scheduling Profile	013
BOMQTK	BOM Advanced Trial Kitting Query	028
IMP075	BOM Advanced Trial Kitting	037
IMPPOP	PO Creation	087
INVPAT	Inventory ATP Query	020
INVPTF	Inventory Time Fences	005
INVPWS	Inv Warehouse Maintenance for Stock Code	021
INVQAT	Inventory Available to Promise Query	021
INVSWS	Inventory Stock/Warehouse Maintenance	022
MRPDEP	MRP Forecast Depletion Take-on	003
MRPP03	MRP Multiple Forecast Additions	010
MRPP05	MRP Forecast Maintenance	046
MRPP07	MRP Build Schedule Maintenance	031
MRPP40	MRP Requirements Calculation	086
MRPP4A	MRP Purchase Order Review	079
MRPP4B	MRP Requisition Review	073
MRPPFD	MRP Forecast Depletion	002
MRPPPS	MRP Master Production Schedule Review	038
MRPQ02	MRP List of Forecasts	006
MRPQ25	MRP Master Production Schedule	007
MRPQ43	MRP Purchase Order Action Report	017
MRPQ45	MRP Potential Oversupply Report	006
MRPQ49	MRP Material Requirements Report	013
PORP10	PO Entry	151
PORP40	Blanket PO Entry	020
PORPM9	Requisition Entry Maintenance	059
PORPRI	Purchase Order Inspections	067

Program	Description	Version
PORQ91	Requisition List	013
PORRPL	PO Build Purchase Order Line	009
PORRRQ	PO Build Req Line Information	008
PORTOI	PO Purchase Order Import	040

Why was this done?

There was a requirement to improve SYSPRO's flexibility in planning and purchasing of goods in companies with distributed locations and warehouses. The system now caters for made-in items that can be configured as bought-out in a specific warehouse. This is particularly relevant when it becomes impractical to have the same supplier for goods across the entire organization.

The first phase of this enhancement targets deployment within the Requirements Planning system to improve planning accuracy and make the calculation of the expected due date in purchasing more realistic.

What was done?

An override option has been added to the **Inventory Warehouse Maintenance for Stock Code** program that enables you to set a made-in stock code as bought-out at warehouse level. This allows you to capture **Supplier**, **Lead time** and **Dock to stock** values at warehouse level, and to use these to raise suggestions against the relevant supplier in Requirements Planning .

Where can I see the change?

The following table indicates a list of programs, as well as the nature of the change, affected by this enhancement:

Affected program(s)	Description of change
MRP Requirements Calculation	Stock codes that are bought-out, made-in or subcontract can be flagged as bought-out/use lead time, dock to stock and supplier defined at warehouse level. The **MRP Requirements Calculation** uses these values, and the item will always be treated as bought-out in the flagged warehouse. This is ignored if using consolidated warehouses.
MRP Forecast Depletion Take-on	If the **Forecast depletion period type** setup option is defined as **Planning time fence**, then lead time and dock to stock values are retrieved from the warehouse, if required.
MRP Master Production Schedule Review	If reviewing a stock code flagged to use bought-out details at warehouse level, the **Stock Information** pane will show the Warehouse supplier, Warehouse lead time and Warehouse dock to stock. The lead time on the **Production Information** pane will show the value defined against the warehouse. This is ignored if using consolidated warehouses.
MRP List of Forecasts	If the warehouse is flagged to use bought-out details at warehouse level, then lead times are read from the warehouse and is used in calculating time fences (PTF, DTF and PH). This is ignored if using consolidated warehouses.
MRP Multiple Forecast Additions, **MRP Forecast Maintenance**, **MRP Build Schedule Maintenance**	If reviewing a stock code flagged to use bought-out details at warehouse level, the **Stock Information** pane will show the Warehouse supplier, Warehouse lead time and Warehouse dock to stock.

Affected program(s)	Description of change
	The dock to stock and lead time against the warehouse are used in the calculation of time fences (PTF, DTF and PH).
MRP Potential Oversupply Report	If a stock item is made-in, but flagged to use bought-out details at warehouse level, then filtering on part category B will return the item. The supplier (if not blank) entered at warehouse level, will be returned, as well as dock to stock. This is ignored if consolidating warehouses.
MRP Purchase Order Review, **MRP Requisition Review**	If a stock item is flagged as bought-out at warehouse level, then the dock to stock value entered against the warehouse is used to calculate the Due Date.
MRP Master Production Schedule	If the warehouse is flagged to use bought-out details at warehouse level, the lead time is returned from the warehouse details, and the item is always flagged as a bought-out item. This is ignored if consolidating warehouses.
MRP Purchase Order Action Report	If the warehouse is flagged to use bought-out details at warehouse level, the supplier (if not blank) and lead time output in the business object will be the ones against the warehouse. The dock to stock value defined at warehouse level is used in the calculation of the supply demand date.
MRP Material Requirements Report	If a stock item is flagged as bought-out at warehouse level, then the Supplier (if not blank) from the warehouse is output and the part category will then be bought-out. The lead time and dock to stock from the warehouse is used to calculate the planning time fence.
BOM Multi-level Trial Kitting, **BOM Multi-level Trial Kitting**, **BOM Advanced Trial Kitting**	Where components are defined as made-in, or bought out or subcontracted, if the flag is set to override bought-out details at warehouse level, then the lead time and supplier is used for the specified warehouse. The item will always be flagged as bought-out. The **Warehouse to use** is used if consolidating warehouses.
BOM Advanced Trial Kitting Query	The lead time and supplier (if not blank) for each of the components will reflect the values from the warehouse, if flagged to use these values.
BOM Lead Time Calculation	Lead times of components are used in the calculation of the lead time of the parent. Where flagged, the lead time values of components, defined at warehouse level, are used.
BOM Scheduling Profile	If a stock item is flagged as bought-out at warehouse level, supplier (if not blank) and lead time of components will reflect the values against the **Warehouse to use** for the components. The item will always be bought-out in the specified warehouse.
PO Entry, **PO Purchase Order Import**	If a stock item is flagged as bought-out at warehouse level, the lead time from the warehouse is used to calculate the due date.
Blanket PO Entry, **Requisition Entry Maintenance**, **Purchase Order Inspection**, **PO Receipts**, **Requisition List**, **PO Build Purchase Order Line**, **PO Build Req Line Information**	If a stock item is flagged as bought-out at warehouse level, the supplier (if not blank) is obtained from the warehouse.
SO Entry Express	If the **Use LDT and DTS to calculate Ship Date when there is insufficient stock** preference is enabled, then for scheduled orders at the time of creating the purchase order, the ship date is calculated using lead times

Affected program(s)	Description of change
	obtained from the warehouse (if it is flagged to override bought-out details).
Inventory Time Fences	The lead time and dock to stock will be read from the **Warehouse to use** defined against the stock code if the flag is set to use warehouse details for that warehouse. The item will always be flagged as bought-out. If the **Warehouse to use** is not flagged to use warehouse details, then the lead time and dock to stock will come from the stock item.
Inventory ATP Query, **Inventory Available to Promise Query**	If a stock item is flagged as bought-out at warehouse level, the supplier (if not blank) is obtained from the warehouse, and the dock to stock and lead time from the warehouse are used in calculating the various time fences.

Appendix

Additional resources

Reference Guides

SYSPRO's Reference Guides are primarily module-based and cover aspects of the user interface at program level. This includes detailed field and function explanations as well as notes and warnings regarding the usage of an application program within SYSPRO. These guides also extend to feature topics within the system (e.g. Tax, Security, Language Translation, etc.) and include implementation considerations. Please refer to the SYSPRO *InfoZone* for details on how to obtain these guides (`http://infozone.syspro.com/support`).

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